

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method of forming an electroluminescent device comprising the steps of:

providing a substrate comprising a ~~first~~ an anode electrode for injection of ~~charge carriers of a first type~~ holes;

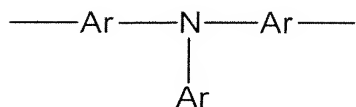
forming a semiconducting region by depositing over the substrate a composition comprising a first material for transporting ~~charge carriers of the first type~~ holes and a second material for emission and transporting ~~charge carriers of the first type~~ holes and electrons, wherein the second material is a polymer; and

depositing over the semiconducting region a second electrode for injection of ~~charge carriers of a second type~~ electrons.

2. (Canceled)

3. (Currently amended) A method according to claim 1 wherein ~~at least one~~ of the first material ~~and second material~~ is also a polymer.

4. (Original) A method according to claim 3 wherein the first material comprises an optionally substituted repeat unit of formula (I):

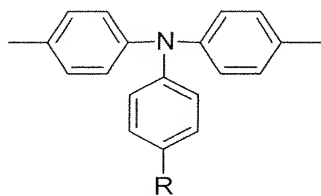


(I)

wherein each Ar is independently selected from optionally substituted aryl or heteroaryl.

5. (Original) A method according to claim 4 wherein each Ar is optionally substituted phenyl.

6. (Original) A method according to claim 5 wherein the optionally substituted repeat unit of formula (I) is an optionally substituted repeat unit of formula (II):

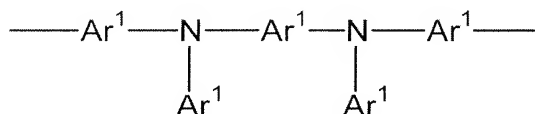


(II)

wherein each R is selected from hydrogen or a substituent.

7. (Previously presented) A method according to claim 6 wherein the repeat unit of formula (II) includes a single nitrogen atom in its backbone.

8. (Previously presented) A method according to claim 4 wherein the second material is a polymer comprising an optionally substituted repeat unit of formula (III):

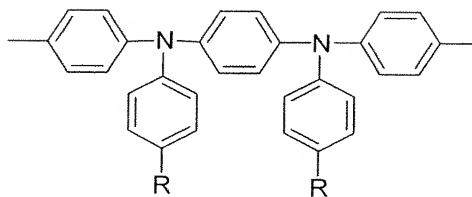


(III)

wherein each Ar¹ independently represents an optionally substituted aryl or heteroaryl.

9. (Original) A method according to claim 8 wherein each Ar¹ is optionally substituted phenyl.

10. (Currently amended) A method according to claim 9 wherein the optionally substituted repeat unit of formula (III) is an optionally substituted repeat unit of formula (IV):



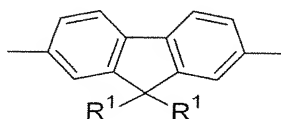
(IV)

wherein each R is as defined in claim 6 selected from hydrogen or a substituent.

11. (Canceled)

12. (Previously presented) A method according to claim 1, wherein at least one of the first and second materials is a polymer comprising a repeat unit selected from optionally substituted fluorene, spirofluorene, indenofluorene, phenylene and oligophenylene.

13. (Original) A method according to claim 12 wherein the repeat unit is selected from optionally substituted repeat units of formula (V):



(V)

wherein each R^1 is independently selected from optionally substituted alkyl, alkoxy, aryl and heteroaryl, and the two groups R^1 may be linked.

14. (Previously presented) A method according to claim 1 wherein the second material is capable of electroluminescence in the wavelength range 400 nm-500 nm.

15. (Previously presented) A method according to claim 1 wherein the first material : second material ratio is in the range 5:95 to 30:70.

16. (Previously presented) A method according to claim 1 comprising depositing the composition from a solution in a solvent.

17. (Original) A method according to claim 16 wherein the solvent comprises a substituted benzene.

18. (Original) A method according to claim 17 wherein the solvent comprises a mono- or poly-alkylated benzene.

19. (Previously presented) A method according to claim 1 wherein peak average molecular weight of the first material is between 15 kDa and 150 kDa.

20. (Previously presented) A method according to claim 1 wherein the first material and the second material substantially completely phase separate.

21. (Withdrawn) An electroluminescent device obtained according to the method of claim 1.

22. (Currently amended) A method according to claim ~~[[3]]~~1 wherein at least one of the first material and the second material ~~said polymer~~ is a conjugated polymer.

23. (Currently amended) A method according to claim 12 wherein said repeat unit is ~~fluorine~~fluorene.

24. (Currently amended) A method according to claim 23 wherein said repeat unit is 9,9-disubstituted ~~fluorine~~fluorene-2,7-diyl

25. (Previously presented) A method according to claim 14 wherein said wavelength range is 430 nm to 500 nm.

26. (Currently amended) A method according to claim 15 wherein ~~said~~ the first material : second material ratio is in the range ~~[[is]]~~ 10:90-20:80.

27. (Previously presented) A method according to claim 19 wherein said peak average molecular weight is between 25 kDa and 100 kDa.

28. (Previously presented) A method according to claim 19 wherein said peak average molecular weight is between 30 kDa and 80 kDa.

29. (Previously presented) A method according to claim 19 wherein said peak average molecular weight is between 40 kDa and 60 kDa.